



Application No. 10/773,837

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant : Arie SAN SOLO
Appl. No. : 10/773,837
File : 9 February 2004
Title : MULTIFUNCTIONAL BREACHING APPARATUS
Group Art Unit: 3641.
Examiner : N/A
Docket No. : 1270SAN-US
Honorable Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Sir:

Kindly amend the above-identified application as follows:

In the claims:

1. (original) Breaching apparatus comprising:
a housing constructed of a material that disintegrates upon explosion without significant amounts of fragments being given off; and
an explosive element disposed in said housing capable of producing an explosive force sufficient for breaching a structure.
2. (original) The breaching apparatus according to claim 1, wherein said housing is constructed of a flexible polymeric material.
3. (currently amended) The breaching apparatus according to claim 1 ~~or claim 2~~, wherein said housing comprises internal partitions spaced from one another, and said explosive element comprises a layer of a flexible explosive element disposed between said partitions and wrapped around at least one of said partitions.
4. (original) The breaching apparatus according to claim 3, wherein at least one of said partitions substantially prevents adjacent windings of said explosive element from blowing up one another.
5. (original) The breaching apparatus according to claim 3, further comprising a plurality of layers of said explosive element placed one above another.
6. (original) The breaching apparatus according to claim 3, further comprising a detonator device placed adjacent and coplanar to said explosive element.